

Abstract

A device for sharpening chain saw teeth, in particular a chain saw which is portable and applicable in the field, and where the chain is not to be taken off the chain saw blade when sharpened enables swinging of a grinding wheel (16) transversally to each tooth (8) of a 5 chain (7) resulting in straight cutting faces of each tooth (8). The grinding wheel (16) of the relatively small diameter is rotated by an actuator (15) of the suitably small power and high number of the revolutions resulting in high cutting speed. Said actuator (15) can be either an electric motor, supplied with electricity from electric mains or a battery, a pneumatic motor or a hydraulic motor.

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(Fig. 1)